

Texas Pacific Coal & Oil Co Navajo-158
SW/4-NE/4 Sec 11-T4ON-R28E 116
Apache, County

P-W

COUNTY Apache AREA Dry Mesa LEASE NO. Nav Tract #138

WELL NAME Texas Pacific Coal & Oil Company #4 Navajo ~~Test~~-138

LOCATION NE NW SEC 11 TWP 40N RANGE 28E FOOTAGE 660' FNL 1980 FWL
ELEV 5946 GR 5957 KB SPUD DATE 9-11-60 STATUS 10-12-60 TOTAL DEPTH 5800

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>9 5/8</u>	<u>1092</u>	<u>800 sx</u>		DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Coconino	2367'	x	x	
Hermosa	4074			
Molas	5428			
Miss (eros)	5490			
Miss.	5515			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>Microlog, Induction</u>			SAMPLE DESCRP.
			SAMPLE NO. P/ <u>610/T 1188</u>
			CORE ANALYSIS
			DSTs

REMARKS <u>Travelers Indemnity Co. (See File 77 for cancelled bond</u>	APP. TO PLUG <u>x</u>
<u>Well originally issued for location 2040' FNL 1880' FEL SW/4 NE/4.</u>	PLUGGING REP. <u>x</u>
<u>Permission granted 9-9-60 to move to NE/4 NW/4.</u>	COMP. REPORT <u>x</u>

WATER WELL ACCEPTED BY _____

BOND CO. <u>Travelers Indemnity Co. (FEE FILE 77)</u>	BOND NO. <u>1307271</u>
BOND AMT. \$ <u>25,000</u>	DATE _____
CANCELLED <u>4-30-75</u>	ORGANIZATION REPORT <u>x</u>
FILING RECEIPT <u>9225</u>	LOC. PLAT <u>x</u> WELL BOOK <u>x</u> PLAT BOOK <u>x</u>
API NO. _____	DATE ISSUED <u>5-9-60</u> DEDICATION <u>N/2 NW/4</u>

PERMIT NUMBER 116

(over)

ARIZONA
APACHE CO.
DRY MESA (D)

116
PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

660 FNL 1980 FNL
Twp 40n-28e
Section 11
SW ne
2040 s/n-1880 w/e

OPR: Texas Pacific Coal & Oil

WELL #: 4 Navajo-138

ELEV: 5946 Gr

DSTS. & CORES:

SPUD: 9-11-60 COMPL: 10-12-60

*TOPS: Log Sample

Coconino 2367

Hermosa 4074

Molas 5428

Mississippian 5515

DST 5050-5103, 1
hr, rec 1395
brackish sulfur
wtr, gas & mud
cut, FP 155-580#,
SIP (30 min) 1425#,
HP 2660#. Crd
5614-39, rec 5
dolo; 1 sh; 2
dolo, microcrys,
sucrosic; 2 ls,

TD: 5799

PB:

CSC: 9-5/8" @ 1092 w/800

PERF:

PROD. ZONE:

INIT. PROD: D & A

finely crys; 8 dolo & sh; 1 ls; 1 dolo, Contr: Rutledge
med crys, rare ppp, trace dead oil; 1 ls, foss,
dolomitic, salty taste. Crd 5639-69, rec 29 ls & dolo, inter-
bedded, some stringers of sh, weak fluor, closed fract. Ariz. 3-065070
*Fe. Electric Logs on Rocky Mountain Wells - Ask Oil

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form O&G 52

Form Prescribed Under Oil and Gas Conservation Act of 1951
WELL COMPLETION REPORT
(File in Duplicate)

Operator TEXAS PACIFIC COAL AND OIL COMPANY Field Dry Mesa
Street P. O. Box 2110 Pool _____
City Fort Worth 1, Texas State Texas County Apache
Lease Name Navajo Tract 138 Well No. 4 Acres in Unit 80
Location 660' from North line and 1980' from West line of
Sec. 11 Twp. 40N Rge. 28E
Elevation DF 5957 GR 5946 Electric Log Run October 10, 1960
Number of Crude Oil Producing Wells on this Lease, including this well 3
Has Authorization to Transport Oil or Gas from Well, Form O&G 57 been filed? _____

OFFICIAL COMPLETION GAUGE THIS IS A DRY HOLE.

Date Test Commenced 19 Hour M. Date Test Completed 19 Hour M.
Length of Test _____ Hours _____ Minutes
For Flowing Well: For Pumping Well:
Flowing pressure on Tbg. _____ lbs./sq. in. Length of stroke used _____ inches
Flowing pressure on csg. _____ lbs./sq. in. Number of strokes per min. _____
Size tbg. _____ in. No. ft. run _____ Size of working barrel _____ inches
Size choke _____ in. Type choke _____ Size tubing _____ in. No. ft. run _____
Length _____ in. Shut in pressure _____
If flowing well, was this well flowed for the entire duration of this test
without the use of swab or other artificial flow device? _____ If jetted, used
_____ cu. ft. gas per bbl. oil. Result of this test (bbls. net oil per 24 hrs.)
(100% tank tables.)

Gas-Oil ratio of this well is _____ cu. ft. of gas per bbl. of oil.

Per cent water produced during this test _____

Gravity of oil produced during this test (Corrected to A. P. I. 60° F)

Name of Pipe line or other carrier _____

If perforated: No. Shots _____ From _____ To _____ Date Perforated _____

Date well Spudded 9-11 1960 Date Well Completed 10-12 1960

Top Pay No Ft. Total depth of well 5800 Ft.

CASING LINER AND TUBING RECORD

String	Size	Wt./Ft.	Name and Type	Amount	Depth	Perforated
Sur.				Ft. In.	Set at	From To
	<u>9 5/8</u>	<u>32.30</u>	<u>Smls.</u>	<u>107 1/2</u>	<u>1092</u>	

CEMENT AND TESTING RECORD

Size of Hole	String	Where Cement Placed	No. Sacks of Cement	Method Used	Pressure Applied in Testing	Hardness of Cement Drilled	Type of Cement
<u>13 3/4</u>	<u>9 5/8</u>	<u>Circulated</u>	<u>800</u>	<u>Pump</u>	<u>1000#</u>	<u>Hard</u>	<u>400 sx. diamix</u>
							<u>400 sx. Reg.</u>

CHEMICAL OR SHOOTING RECORD BEFORE COMPLETION

Size	Chemical or	Quantity	Date	From	Depth	to

AFFIDAVIT

I, D.A. Bonney, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

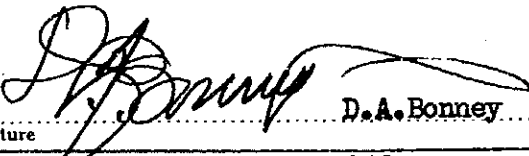
Max. of Production
Representative of Company

Subscribed and sworn to before me this 18th day of October 1960

Tarrant County, Texas

Ruth Barfield Ruth Barfield Notary Public

My Commission expires: 6-1-61

PLUGGING RECORD					
Operator Texas Pacific Coal and Oil Company			Address P.O. Box 2110, Fort Worth 1, Texas		
Name of Lease Navajo Tract 138		Well No. 4	Field & Reservoir Dry Mesa		County Apache
Location of Well 660' fm NL and 1980' fm WL			Sec-Twp-Rge or Block & Survey 11 40N 28E		
Application to drill this well was filed in name of Texas Pacific Coal & Oil		Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) _____ Gas (MCF/day) _____		Dry? Yes
Date plugged: 10-12-60		Total depth 5800'	Amount well producing when plugged: Oil (bbls/day) _____ Gas (MCF/day) _____		Water (bbls./day) _____
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.		
None					
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
9 5/8	1092		1092		Guide Shoe - Float Collar
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. None		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
See Reverse Side					
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Manager of Production</u> of the <u>Texas Pacific Coal and Oil Co.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
October 17, 1960 Date		 Signature D.A. Bonney			
		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Form No. P-15 Plugging Record File two copies Authorized by Order No. <u>4-8-59</u> Effective <u>April 6,</u> 19 <u>59</u>			

Adjacent Lease Operators:

Texaco, Box 2332, Houston, Texas

Sinclair Oil Co., Box 521, Tulsa, Okla.

Superior Oil Co., 218 West Illinois St., Midland, Texas

Pan American, Box 591, Tulsa, Oklahoma

Atlantic Oil Co., Box 2819, Dallas, Texas

Ohio Oil Co., Box 3128, Houston, Texas

Shell Oil Co., Box 1191, Tulsa, Oklahoma

APPLICATION TO ABANDON AND PLUG

FIELD Dry Mesa
 OPERATOR TEXAS PACIFIC COAL AND OIL CO. ADDRESS Box 2110, Fort Worth 1, Texas
 LEASE Navajo Tract 138 WELL NO. 4 COUNTY Apache
 SURVEY _____ SECTION 11 DRILLING PERMIT NO. 116
 LOCATION 660' from North line and 1980' from West line of Section 11, Twp. 40 North,
Rge. 28E

TYPE OF WELL Dry Hole TOTAL DEPTH 5800
(Oil, Gas or Dry Hole)
 ALLOWABLE (If Assigned) _____
 LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____
 PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD _____
9 5/8" 32.30# Smls. csg. set at 1092' and cemented with 800 sacks cement circulated.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Load hole with mud, set cement plugs as
follows: 40 sx. 5600-5460, 50 sx. 5100-4960, 50 sx. 4850-4710, 50 sx. 2150-2010, 50 sx.
1150-1010, 15 sx. 20' to surface. Clean and level location.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not,
 outline proposed procedure above.

DATE COMMENCING OPERATIONS October 12, 1960
 NAME OF PERSON DOING WORK Rutledge Drlg. Co. ADDRESS Box 2239, Santa Fe, New Mexico
 CORRESPONDENCE SHOULD BE SENT TO Texas Pacific Coal and Oil Company, Fort Worth 1, Texas

NAME D.A. Bonney
 TITLE Manager of Production

Date Approved 10-20-60

W. M. ...
 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 Form No. 15A File 2 Copies
 Authorized by Order No. 4-6-59
 Effective April 6, 1959

NAVAJO TRACT 138 WELL NO. 4

LOG OF CORES AND DRILL STEM TESTS

DST #1 5050-5103

Open 1 hr. weak flow throughout. Recovered 1488' gas in drill pipe 1395' gas cut sulphur water, IFP 155#, FFP 580#, ISIP 1425#, PSIP 1425#.

CORE #1 5614-5639

Recovered 25' dolomite, lime and shale. No show.

CORE #2 5639-5667

Recovered 29' dolomite, lime and chert. No show.

1167

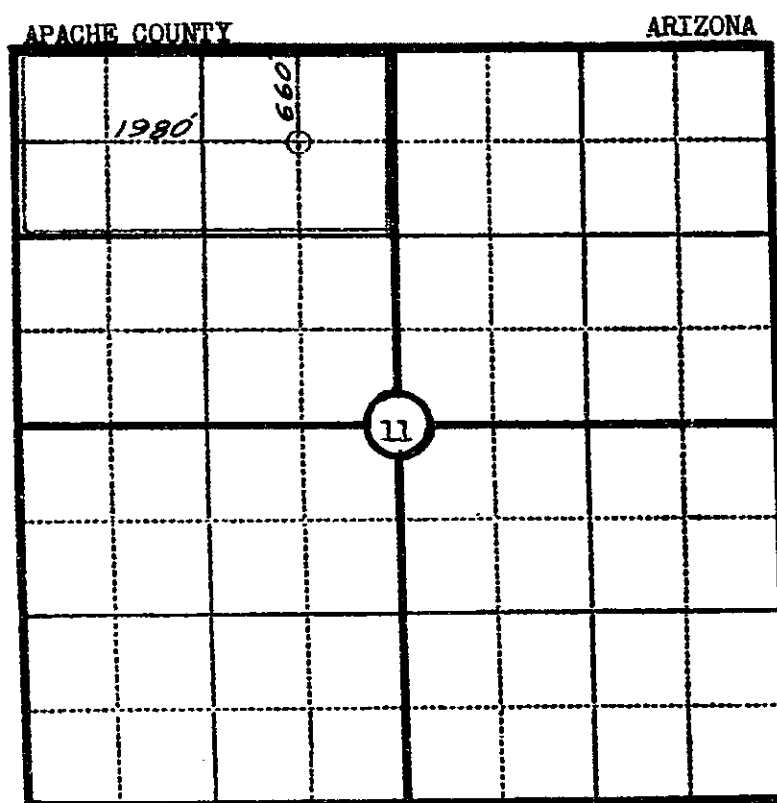
Company TEXAS PACIFIC COAL AND OIL COMPANY

Lease NAVAJO TRACT NO. 138 Well No. 4

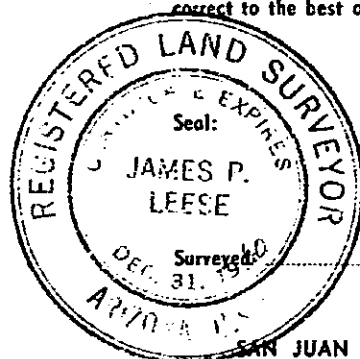
Sec. 11, T. 40 NORTH, R. 28 EAST, G. & S. R. M.

Location 660' FROM THE NORTH LINE AND 1980' FROM THE WEST LINE

Elevation 5946.3 UNGRADED GROUND



This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



James P. Leese
Registered Land Surveyor.
James P. Leese
Arizona Reg. No. 1849

17 August 1960

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

OIL AND GAS CONSERVATION COMMISSION
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit must be granted before
drilling begins

Oil and Gas Conservation Commission

Fort Worth, Texas ~~August 8-31 1960~~

In compliance with Statewide Rule 3, notice is hereby given that it is our intention
to commence the work of drilling well No. 4 Sec. 11,

Twp. 40-N, Rge. 28-E B. & M., Dry Mesa Field
Apache County. Navajo Tract 138

Legal description of lease All of fractional sections 1 and 2
(attach map or plat to scale)

and all of sections 11 and 12 (Total of 2,357 acres).

Township 40 North, Range 28 East, Apache County, Arizona.

Location of Well: 660' from North line and 1,980' from West line of Section 11, Twp. 40-N -
(Give exact footage from section corners or other

Range 28-E.
legal subdivisions or streets)

Proposed drilling depth 6,000 feet. Acres in drilling unit 80

Has surety bond been filed? Yes. Is location a regular or exception to spacing
rule? Regular.

Elevation of ground above sea level 5,946 feet.

All depth measurements taken from top of Rotary Table
(Derrick, floor, Rotary Table or

which is (Unknown) feet above the ground.
(Kelly Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade & Type	Top	Bottom	Cementing Depth
<u>9 5/8"</u>	<u>32.30</u>	<u>H-40</u>	<u>0</u>	<u>1,000'</u>	<u>900 Sx. Circ.</u>
<u>5 1/2"</u>	<u>15.5 & 17</u>	<u>J-55</u>	<u>0</u>	<u>6,000'</u>	<u>500 Sx. 4400 - 6000</u>

Intended Zone or Zones of completion:

Name Mississippian Perforated Interval
Expected Top 5,450'

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained and state-
ments herein made are to the best of my knowledge and belief, true, correct and complete.

TEXAS PACIFIC COAL AND OIL COMPANY

(Applicant)

By R. W. Harris Vice President, Production

Application approved this 8 day of Sept 19 1960.

Permit No. 116

3-62 1/10/58

M. J. Wharton
Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR

DATE

TEXAS PACIFIC COAL AND OIL COMPANY

May 6, 1960

Address

City

State

P. O. Box 2110

Fort Worth 1,

Texas

DESCRIPTION OF WELL AND LEASE

Name of lease

Navajo Tract 138

Well number

4

Elevation (ground)

5909

Well location

(give footage from section lines)

Section—township—range or block & survey

2040' from North line and 1880' from East line of Section 11 40N 28E GS&RM

Field & reservoir (if wildcat, so state)

Dry Mesa Mississippian

County

Apache

Distance, in miles, and direction from nearest town or post office

65 miles West of Shiprock, New Mexico

Nearest distance from proposed location to property or lease line:

3,300

feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

1,875

feet

Proposed depth:

6,000'

Rotary or cable tools

Rotary

Approx. date work will start

May 15, 1960

Number of acres in lease:

2,357

Number of wells on lease, including this well, completed in or drilling to this reservoir:

3

If lease, purchased with one or more wells drilled, from whom purchased:

None

Name

Address

Status of bond

Blanket bond on file

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Manager of Production of the Texas Pacific Coal and Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

May 6, 1960

Date

Signature

D.A. Bonney

Permit Number: 116

Approval Date: 5/9/60

Approved By: M. Wharton

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

See Instruction on Reverse Side of Form

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Application to Drill, Deepen or Plug Back

Form No. P-1

File two copies

Authorized by Order No. 4-59

Effective April 6, 19 59

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

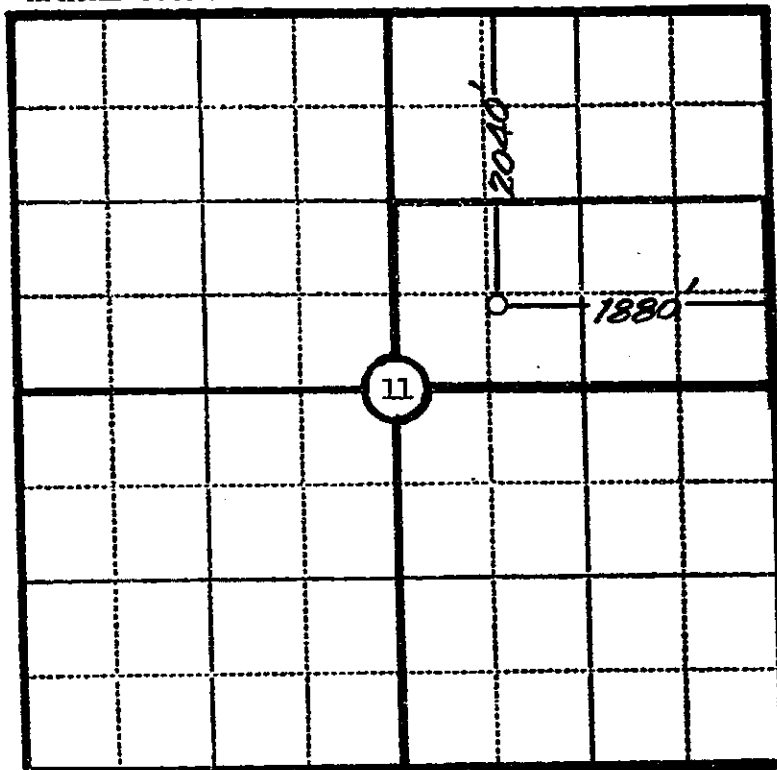
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9 5/8	32.30	H-40	0	1000'	Circulate	900
5 1/2	15.50 17	J-55	0	6000'	4400-6000	500

Company TEXAS PACIFIC COAL AND OIL COMPANY
Lease NAVAJO Well No. 4
Sec. 11, T. 40 N., R. 28 E., G. & S. R. M.
Location 2040' FROM THE NORTH LINE AND 1880' FROM
THE EAST LINE.
Elevation 5909.0 UNGRADED GROUND.

APACHE COUNTY ARIZONA



Scale—4 inches equal 1 mile

This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Seal:

James P. Leese
Registered Land Surveyor.

James P. Leese
Arizona Reg. No. 1849

Surveyed

23 January, 1960

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

Operator Texas Pacific Oil Company

Bond Company The Travelers Indemnity Company Amount \$10,000

Bond No. 1230121 Date Approved 10-9-64

Permits covered by this bond:

77

95

106

115

116

see this file

CANCELLED

DATE 11-29-65

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 1230121

That we: **Joseph E. Seagram & Sons, Inc., an Indiana corporation,**

of the County of: **Dallas**

in the State of: **Texas**

as principal, and **THE TRAVELERS INDEMNITY COMPANY**

of **411 North Central Avenue, Phoenix, Arizona**

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

All lands leased to Principal within the state of Arizona.

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of **Ten Thousand Dollars (\$10,000.00)**

Witness our hands and seals, this **4th** day of **September, 1964**

Joseph E. Seagram & Sons, Inc.

Frederick X. Seid
Principal
VICE PRESIDENT

Witness our hands and seals, this _____ day of _____

THE TRAVELERS INDEMNITY COMPANY

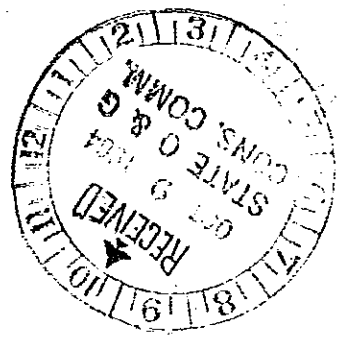
By: *George E. Wiley*

Surety

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved
Date **10-9-64**
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: *John W. Rammeter*
Permit No. **77, 95, 106, 115, 116**

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
Form No. 2
File Two Copies
CANCELLED
DATE **11-29-65**



The Travelers Indemnity Company
Hartford, Connecticut

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

Richard A. Beardsley, J. P. Harrison, George E. Miley, all of
Phoenix, Arizona, EACH

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances or other written obligations in the nature thereof, as follows:

Any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.
This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 10. The President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 12. Any bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary, or when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by his or their power or powers of attorney.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of THE TRAVELERS INDEMNITY COMPANY at a meeting duly called and held on the 30th day of November, 1959:

VOTED: That the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney or special power of attorney or certification of either given for the execution of any bond, undertaking, recognizance or other written obligation in the nature thereof; such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

This power of attorney revokes that issued March 1, 1954 on behalf of
Melvin W. Carle, power of attorney dated October 30, 1956 on behalf
of Richard A. Beardsley and power of attorney dated December 5, 1956
on behalf of Earl J. Seagars

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 1st day of June 1961.

THE TRAVELERS INDEMNITY COMPANY

By

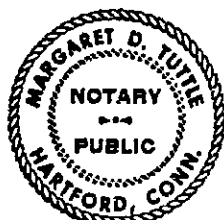
R. W. Kammann

Secretary, Fidelity and Surety



State of Connecticut, County of Hartford—ss:

On this 1st day of June in the year 1961 before me personally came R. W. Kammann to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary (Fidelity and Surety) of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.



Margaret D. Tuttle

Notary Public

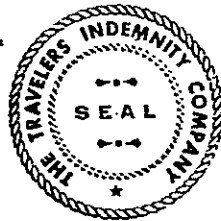
My commission expires April 1, 1964

CERTIFICATION

I, W. A. Person, Assistant Secretary (Fidelity and Surety) of THE TRAVELERS INDEMNITY COMPANY certify that the foregoing power of attorney, the above quoted Sections 10 and 12 of Article IV of the By-Laws and the Resolution of the Board of Directors of November 30, 1959 have not been modified or revoked and are now in full force and effect.

Signed and Sealed at Hartford, Connecticut, this

day of 19



W. A. Person
Assistant Secretary, Fidelity and Surety

November 29, 1965

Texas Pacific Oil Company
P.O. Box 747
Dallas Texas 75221

Attention: Mr. Raymond Church

Re: The Travelers Indemnity Company Bond 1307271

The Travelers Indemnity Company Bond 130121

Gentlemen:

Enclosed is an approved copy of The Travelers Indemnity Company Bond 1307271.

Inasmuch as this above bond is now in full force and effect, this letter will constitute authority from this Commission to terminate The Travelers Indemnity Company Bond 130121.

Your cooperation is very much appreciated.

Very truly yours,

John Bannister
Executive Secretary
of
esa

cc:
The Travelers Indemnity Company
1203 N. Central Avenue
Phoenix, Arizona 85004

March 15, 1965

Texas Pacific Oil Company
P.O. Box 747
Dallas, Texas 75221

Attention: Mr. W. Clayton May, Attorney

Gentlemen:

Our files reflect that Texas Pacific Coal & Oil Company was liquidated effective November 1, 1963, and the assets were purchased by Texas Pacific Oil Company, an operating division of Joseph E. Seagram & Sons, Inc.

In order that our wall records be accurate and current, in accordance with Arizona Statutes, it is requested that the enclosed form, Organization Report, be completed and returned to this office.

Thank you very much for your cooperation.

Yours very truly,

John Bannister
Executive Secretary

nr

Files: 77-95-106-115-116

TEXAS PACIFIC OIL COMPANY

BOX 747

DALLAS, TEXAS 75221

October 8, 1964

RIVERSIDE 1-8805

2700 FIDELITY UNION TOWER BLDG.

Oil and Gas Conservation Commission
State of Arizona
1524 West Adams
Phoenix, Arizona 85007

Attn: Mr. John Bannister
Executive Secretary

Re: Oil and Gas Bond No. SY-281201
Replacement Bond No. 1230121

Gentlemen:

Reference is made to your letter dated August 26, 1964, concerning the release of Bond No. SY-281201 now in effect under the name of Texas Pacific Coal and Oil Company.

We are enclosing herewith in triplicate, the Travelers Indemnity Company's Bond No. 1230121 in the amount of \$10,000.00 covering, as principal, Joseph E. Seagram & Sons, Inc., whose operating division is Texas Pacific Oil Company. It is our understanding that you will now be in a position to release Bond No. SY-281201, as requested by Texas Pacific Coal and Oil Company.

Your cooperation in this matter will be sincerely appreciated.

Very truly yours,

H. Clayton May
H. Clayton May
Attorney

HCM:sp
encl.

cc: Mr. C. W. Dodgen, Jr.
Mr. Ray Mitchell
Mr. Jess Norman
Texas Pacific Coal and Oil Company
Fort Worth Office

77, 95, 106, 115, 116

October 9, 1964

Texas Pacific Oil Company
P.O. Box 747
Dallas, Texas 75221

Attention: Mr. H. Clayton May

Re: Oil and Gas Bond No. SY 281201

Gentlemen:

We are in receipt of your letter of October 8, 1964 whereby Travelers Indemnity Company's Bond 1230121 was enclosed and is to replace the captioned bond.

This letter will constitute authority to cancel Bond SY-281201.

We appreciate your cooperation in this matter, and if we may be of further service, please advise.

Yours very truly,

John Bannister
Executive Secretary

mx

enc: 2 approved copies Form 2, Bond

cc to File 77, 95, 106, 115, 116

Travelers Indemnity Company's Bond 1230121 is issued to the Principal, Joseph E. Seagram & Sons, Inc. Texas Pacific Oil Company is a subsidiary of Seagram and their wells are covered by this bond. This bond replaces SY-281201 which was issued to Texas Pacific Coal and Gas Oil Company. This latter company is now consolidated into Texas Pacific Company.

September 17, 1964

The Employers' Group of Insurance Companies
212 N. St. Paul
Dallas 1, Texas

Attention: Mr. Bruce Harris, Head Department

Re: SY-101101
Texas Pacific Coal and Oil Co.
\$10,000 Blanket Bond

Companion:

In reply to your letter of September 14, 1964 concerning the captioned bond please be advised that this office has not yet received a bond on behalf of Texas Pacific Oil Company and consequently the bond in question cannot be released at this time.

Yours very truly,

John Lannister
Executive Secretary

ms

Permit 77
93
106
113
116

Ltr of Sep. 14, 1964 included in File 77

RECEIVED

August 24, 1964

VIA AIR MAIL

Mr. Miles Hart
Texas Pacific Oil Company
P. O. Box 2110
Fort Worth, Texas

Dear Mr. Hart:

Enclosed are the bond forms you requested in telephone conversation today with this office.

Upon receipt of proper bond showing your company as principal, this Commission will then be in a position to release Bond No. SY-281201 now in effect under the name of Texas Pacific Coal & Oil Company covering the following wells:

Nevado Tribal 134-1	Permit No. 77
Nevado Tribal 134-2	Permit No. 104
Nevado Tribal 134-3	Permit No. 113
Nevado Tribal 134-4	Permit No. 116
Nevado Tribal 134-1	Permit No. 93

We appreciate your prompt cooperation.

Very truly yours,

John Bonister
Executive Secretary

JJB/whs
Encl.

File: 77
104
113
116
93
Bond File

August 20, 1964

The Employers' Group of Insurance Companies
212 W. St. Paul
Dallas 1, Texas

Attn: Miss C. Hall, Bond Department

Re: Texas Pacific Coal & Oil Co.
\$10,000 blanket bond SY 281201

Gentlemen:

We are in receipt of your letter of August 17, 1964 requesting release of the captioned bond.

Please be advised that this bond may not be released at this time inasmuch as this bond does cover producing wells.

At such time as Texas Pacific Oil Company, which you advise is to be successor to Texas Pacific Coal and Oil Co., furnishes us with a substitute bond, then may the captioned bond be released.

Currently the below listed wells are covered by the bond in question:

Navajo Tribal	138-1	Permit 77
Navajo Tribal	138-2	106
Navajo Tribal	138-3	115
Navajo Tribal	138-4	116
Navajo Tribal	190-1	95

If we may be of any further help, please advise.

Yours very truly,

John Bannister
Executive Secretary

MB

cc: Texas Pacific Coal and Oil Co.
P.O. Box 2110
Fort Worth 1, Texas

The Employers' Group
OF INSURANCE COMPANIES

SOUTHWESTERN BRANCH
SIDNEY J. GIBSON, MANAGER
212 N. ST. PAUL, DALLAS 3, TEXAS

THE EMPLOYERS' LIABILITY INSURANCE COMPANY
AMERICAN EMPLOYERS' LIABILITY COMPANY
THE EMPLOYERS' FIRE INSURANCE COMPANY
THE EMPLOYERS' LIFE INSURANCE COMPANY
THE EMPLOYERS' ACCIDENT AND SICKNESS INSURANCE COMPANY

STATE OF ARIZONA
CONS. COMM.

State Land Commissioner
State of Arizona
Phoenix, Arizona

August 17, 1964

RE: SY-281201 - TEXAS PACIFIC COAL & OIL COMPANY
\$10,000.00 BLANKET OIL & GAS LEASE BOND
COVERING ALL LANDS LEASED TO PRINCIPAL WITHIN
THE STATE OF ARIZONA

Gentlemen:

Your records will reflect that we are the Surety regarding the captioned bond executed effective on or about August 10, 1959. The Texas Pacific Coal & Oil Company have requested that we cancel this bond inasmuch as the company was liquidated effective November 1, 1963, and the company purchasing the assets is known as Texas Pacific Oil Company.

Such being the case, we would like to close our file and would appreciate your sending direct to this office a letter of release giving us the date our liability may be terminated.

Thank you in advance for your kind assistance in this matter.

Yours very truly,

Miss C. Hall
Bond Department

CH:jm
cc: The Bonds Company
Fort Worth, Texas

October 20, 1960

Texas Pacific Coal & Oil Co.
P. O. Box 2110
Fort Worth 1, Texas

Attention: Mr. D.A. Bonney
Manager of Production

Dear Mr. Bonney:

Enclosed is the approved copy of your Plugging Record, Application
to Plug and Abandon, and Well Completion Report, for your files.

Yours very truly,

D. A. Jerome
Executive Secretary

DAJ/ew

TEXAS PACIFIC COAL AND OIL COMPANY

GENERAL OFFICES

FORT WORTH 1

TEXAS

October 19, 1960

Oil and Gas Conservation Commission
State of Arizona
3500 North Central Avenue, Suite 312
Phoenix, Arizona

Re: Texas Pacific Coal and Oil Company
Navajo Tract 138 Well No. 4
Section 11-40N-28E
Apache County, Arizona

Gentlemen:

Enclosed herewith are the following listed forms and reports
for the above well.

1. Form OG-52 Well Completion Report
2. Form P-15A Application to Abandon
3. Form P-15 Plugging Record
4. Log of cores and drill stem tests

Copies of Electrical logs will be furnished by our Denver,
Colorado office.

You will notice that we have used two of the 1959 forms. If
this is not satisfactory, we will refile upon receipt of the proper
forms.

Yours very truly,

TEXAS PACIFIC COAL AND OIL COMPANY

By

W.E. Daniels
Chief Clerk

W.E. Daniels:DK

September 9, 1960

Mr. W. E. Daniels, Chief Clerk
Texas Pacific Coal & Oil Company
Fort Worth 1, Texas

Dear Mr. Daniels:

Enclosed is your approved copy of the Application to Drill
Tract 138 Well No. 4, Section 11, T. 40N, R. 28E, Apache
County, Arizona, and plat for same.

No additional drilling fee is required.

Sincerely,

W. F. Maule
Petroleum Engineer

WFM/ew
Enclosures

TEXAS PACIFIC COAL AND OIL COMPANY

GENERAL OFFICES
FORT WORTH 1
TEXAS
August 31, 1960

Oil and Gas Conservation Commission
State of Arizona
3500 North Central Avenue, Suite 312
Phoenix, Arizona

Gentlemen:

We hold permit # 116 to drill Navajo Tract 138 Well No. 4 at a location 2,040' FNL and 1,880' FEL of Section 11, T - 40N, R - 28E, G.S. & R.M., Apache County, Arizona. Please cancel this permit.

Enclosed is an Application to Drill Navajo Tract 138 Well No. 4 660' FNL and 1,980' FNL of Section 11, T - 40N, R - 28E, G.S. & R.M., Apache County, Arizona.

It is our understanding that an additional Drilling Fee is not required. If this is not correct please call us collect, - *correct. D A D* as we are anxious to spud as soon as possible.

Yours very truly,

TEXAS PACIFIC COAL AND OIL COMPANY
By -

W.E. Daniels
Chief Clerk

W.E.Daniels:djt

116

July 13, 1960

Mr. R. E. Kenny
2101 Summit Drive
Farmington, New Mexico

Dear Mr. Kenny:

Enclosed are six copies of Form 57. Please file in triplicate on 138-2 and 138-3.

Very truly yours,

W. F. Maule
Petroleum Engineer

WFM/ew
Encs.

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a fast telegram	
TELEGRAM	
DAY LETTER	
NIGHT LETTER	

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1206 (4-55)

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise the message will be sent at the full rate	
FULL RATE	
LETTER TELEGRAM	
SHORE-SHIP	

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
	COLLECT			5 p.m.

Send the following message, subject to the terms on back hereof, which are hereby agreed to

July 13, 1960

MR. R. E. KENNY
TEXAS PACIFIC COAL & OIL CO.
2101 SUMMIT DRIVE
FARMINGTON, NEW MEXICO

EMERGENCY AUTHORIZATION TO MOVE OIL FROM YOUR WELL
NAVAJO TRACT 138-3 APACHE COUNTY GRANTED. FORM 57's
IN THE MAIL.

FOR THE ARIZONA OIL AND GAS COMMISSIONER

BY W. F. MAULE

CC: W. E. DANIELS, TEXAS PACIFIC COAL & OIL CO.
Box 2110, Fort Worth, Texas

116

May 12, 1960

Texas Pacific Coal and Oil Company
P. O. Box 2110
Fort Worth 1, Texas

Attention - Mr. D. A. Bonney
Manager of Production

Gentlemen:

We return herewith your Applications for Permits to Drill, Navajo Tract 138 Wells Nos. 3 and 4, which have been approved, and receipts for your two checks in the amount of \$25.00 each, in payment of Drilling Permits Nos. 115 and 116 on the above Wells.

Very truly yours,

W. F. Maule
Petr. Engr.

WFM: gk
Encs.

TEXAS PACIFIC COAL AND OIL COMPANY

GENERAL OFFICES
FORT WORTH 1
TEXAS

May 6, 1960

Oil and Gas Conservation Commission
State of Arizona
3500 North Central Avenue, Suite 312
Phoenix, Arizona

Gentlemen:

We are filing herewith Form P-1, Application for
Permit to Drill a well to be known as Navajo Tract 138 Well
No. 4, Apache County, Arizona.

We are also enclosing our check No. 441020 for filing
fee.

If anything further is needed, please advise.

Yours very truly,

By *[Signature]*
TEXAS PACIFIC COAL AND OIL COMPANY

Manager of Production

DAB:D:DK